

RESUME

NANTHAKUMAR A

Mobile: +91 9524434406

Email: nanthananthus@gmail.com



OBJECTIVE

To work in a challenging environment to showcase my technical, organizing abilities to constantly upgrade my knowledge and skills for the development of organization.

PROFESSIONAL EXPERIENCE

DESIGN ENGINEER / SCHAEFFLER INDIA LTD, HOSUR

April'2019 – April'2020

- Designed, managed and lead design review for new products and process from concepts.
- Study of product drawing towards feasibility for tool manufacturing, dimensional, production process capability & identifying the changes required,
- Check and fill the tool design check list for every tool design,
- First design review with all the data and collection of data from production, tool room to facilitate for design,
- Second design review with assembly drawing presentation to have further input to tool design
- On time tool design completion with standards
- Creating the production order for triggering the manufacturing process in SAP.
- Continuous improvement to reduce tool design time and tool manufacturing cost.

ACHEIVEMENT

- ☐ Planned, designed and developed machine component for double clutch assembly – Resulting in 40% reduce in cost
- ☐ Awarded for this design development.

PRODUCTION ENGINEER / SAKTHI AUTO COMPONENTS LTD

(Nov 2015 – July 2018)

- ☐ Develop and provide feedback to employees and address their issues, to ensure true engagement within the team
- ☐ Monitor the CNC machinery and equipment to ensure they function correctly and schedule preventive maintenance activities
- ☐ To ensure the quality of the job at regular interval of the time
- ☐ Monitor and assure a safe work environment through process hazard elimination.

ACADEMIC PROFILE

YEAR	NAME OF THE DEGREE	NAME OF THE INSTITUTE	PERCENTAGE
2018-2019	PGDT	PSG IAS Coimbatore	75%
2012-2015	B.E (Mechanical)	Paavai College of Technology, Namakkal	68.2%
2009-2012	DME (Mechanical)	Paavai Polytechnic College, Namakkal	88.9%
2008-2009	SSLC	Govt,Hr, Sec,School, P.K.Palayam	64.4%

FIELD OF INTEREST

- Mould Design
- Press Tool Design
- Product Development

SOFTWARE PROFICIENCY & SKILLS

- Creo & Solidworks – Modeling & Drafting
- AutoCAD
- Mold Flow Analysis
- Knowledge in applying GD&T
- SAP

PROJECTS HANDLED IN SCHAEFFLER

ASSEMBLY LINE FIXTURES

In Clutch Release System (CRS) Assembly line, I have designed the following Fixture for Clutch Master Cylinder (TAFE, HONDA and FORD)

- Bearing Assembly Fixture
- Housing Greasing Fixture
- Piston Greasing Fixture

TESTING FIXTURE

- ☐ In testing, designed sand spray fixture for TATA clutch master cylinder (CMC) with automatic pedal assembly
- ☐ And designed fixture for bell housing assembly.

GAUGES

- Designed gauges for high pressure pipe (HPP), cover assembly, clutch cover, weld check gauge for housing and intermediate ring, alignment tool
- Developed the reference setting gauge for the first time.

PROJECT WORK

SUBJECT NAME	PROJECT NAME
MOULD	Designed Two plate injection mould with side core actuation Designed Three plate mould , basic knowledge in hot runner mould.
PRESS TOOLS	Developed Progressive tool for blanking components
PG PROJECT	DESIGN AND FABRICTAION OF MINIPRESS Under the guidance of Mr.M.John Philip Project Head, Department of Tool and Die Engineering.
UG PROJECT	MODIFICATION OF CHAIN DRIVE MECHANISM IN REHEATING FURNACE DOOR Under the guidance of Mrs.Leela Subramanian Manager (HRM), Steel Authority of India Ltd, Salem.

STRENGTH

- Accept responsibilities and challenging assignments
- Proactive, positive approach and ability to grasp/learn concepts and procedures quickly
- Punctual & interpersonal skills.

PERSONAL PROFILE

Father Name : Mr. S.P.Anbuselvam
Mother Name : Mrs. A.Selvi
Gender : Male
Nationality : Indian
Permanent Address : 3/163, Kallankadu, Selur-Sanarpalayam,
Selur-(Po), Paramathivelur-(Tk), Namakkal-(Dt),
Pin-637208
Date of Birth : 18.06.1994
Languages : English, Tamil (Speak, Read & Write)

DECLARATION

I do hereby declare that the information given above is true and correct to the best of my knowledge

DATE:
PLACE:

Yours Sincerely,

(A.NANTHAKUMAR)